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U.S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON, D.C. 20234

NATIONAL BUREAU OF STANDARDS

REPORT OF CALIBRATION

on

2.2-Millimeter Stage Micrometer

Maker: Bausch & Lomb

NBS No. 5388

Submitted by

Photographic Technology Section
Division 212.13
National Bureau of Standards
Washington, D. C.

This stage micrometer has been compared with the standards of the United States and a calibration made of some of the subintervals. The results are as follows:

Length of the interval from the zero graduation to the 2.2-millimeter graduation at 20° Celsius: 2.204 millimeters.

Length of Subintervals at 20° Celsius	
Interval (mm)	Length (mm)
0 to 1.0	1.003
2.0	2.004
2.2	2.204

It is estimated that these values for the lengths are not in error by more than 0.001 millimeter.

The scale graduations are not numbered, therefore, the zero is taken to be the graduation farthest to the left when the stage micrometer is held so that the trade mark can be read in the normal manner.

For the Director,

J. S. Beers

J. S. Beers
Acting Chief, Length Section
Metrology Division

Test No. B212.21/129
Date: February 18, 1965

FORM NBS-443
(REV. 4-11-63)

U.S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON, D.C. 20234

NATIONAL BUREAU OF STANDARDS

REPORT OF CALIBRATION

on

250-Millimeter Glass Scale

Maker: David W. Mann Company

NBS No. 5391

Submitted by

Photographic Technology Section
Division 212.13
National Bureau of Standards
Washington, D. C.

This glass scale has been compared with the standards of the United States and a calibration made of some of the subintervals. The results are as follows:

Length of the interval from the zero graduation to the 250-millimeter graduation at 20° Celsius: 250.003 millimeters.

Length of Subintervals at 20° Celsius

Interval (mm)	Length (mm)
0 to 1	1.000
2	2.000
3	3.000
4	4.000
5	5.001
6	6.000
7	7.000
8	8.000
9	9.001
10	10.001
20	20.001
30	30.001
40	40.001
50	50.001
60	60.001
70	70.002
80	80.002
90	90.001
100	100.002

Test No. B212.21/129
Date: April 20, 1965

Report continued
One 250-Millimeter David W. Mann
Company Glass Scale

NBS No. 5391

It is estimated that these values for the lengths are not in error by more than ±0.002 millimeter.

For the Director,

J. S. Beers

J. S. Beers
Acting Chief, Length Section
Metrology Division

Test No. B212.21/129
Date: April 20, 1965